

Safe ownership is your responsibility.

Please thoroughly read and understand this manual before loading your firearm.

Keep firearms and ammunition away from children. Lock unloaded firearms and ammunition securely in separate locations.

100 Springdale Road Westfield, MA 01085

www.savagearms.com

# INSTRUCTION MANUAL

BOLT ACTION CENTERFIRE:
RIFLES
SHOTGUNS
VARMINTERS
HUNTING HANDGUNS

IMPORTANT! DO NOT ATTEMPT TO LOAD AND SHOOT YOUR RIFLE UNTIL YOU HAVE THOROUGHLY READ THIS INSTRUCTION MANUAL AND ARE FULLY FAMILIAR WITH ITS CONTENTS

Congratulations on joining the Savage Arms family of sporting firearms owners. With reasonable care, your firearm should deliver years of reliable service and perform to our "legend of accuracy".

For your convenience, this INSTRUCTION MANUAL has been divided into 9 sections:

SECTION 1: 10 Commandments of Shooting Safety SECTION 2: Basic Functions SECTION 3: Bolt Action Rifles (Parts List and

Diagram)

SECTION 4: Bolt Action Shotguns (Parts List and Diagram)

SECTION 5: Varminter (Parts List and Diagram)
SECTION 6: Hunting Handguns (Parts List and Diagram)

SECTION 7: Ammunition Bullet Weights / Magazine Capacities

SECTION 8: Rings And Bases For Mounting A Scope SECTION 9: Statement Of Limited Warranty

# SECTION 1

# 10 COMMANDMENTS OF SHOOTING SAFETY

(The following excerpts are from SAAMI bulletin #081 1MM 7/97 BP. The entire booklet can be obtained by calling: NATIONAL SHOOTING SPORTS FOUNDATION, 11 MILE HILL ROAD, NEWINGTON, CT 06470; 203-426-4358)

# Firearms Safety Depends On You

From the time you pick up a firearm, you become part of a system over which you have complete control.

You are the only part of the system that can make a gun safe – or unsafe.

You can help meet this responsibility by enrolling in hunter safety or shooter safety courses, if you have not already done so. You must constantly stress safety when handling firearms, especially to children and non-shooters. Develop safe shooting habits and remember firearms safety is up to you. Make no mistake about it.

# ALCOHOL, DRUGS AND GUNS DON'T MIX

# . 1. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

This is the most basic safety rule. If everyone handled a firearm so carefully that the muzzle never pointed at something they didn't intend to shoot, there would be virtually no firearm accidents. It's as simple as that, and it's up to you.

Never point your gun at anything you do not intend to shoot. A safe direction means a direction in which a bullet cannot possibly strike anyone, taking into account possible ricochets and the fact that bullets can penetrate walls and ceilings. Even when "dry firing" with an unloaded gun, you should never point the gun at an unintended target.

This is your responsibility, and only you can control it.

# 2. FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE

Firearms should be loaded only when you are in the field or on the target range or shooting area, ready to shoot. When not in use, firearms and ammunition

should be secured in a safe place, separate from each other. It is your responsibility to prevent children and inexperienced adults from gaining access to firearms o ammunition. A loaded gun has no place in or near a vehicle or building.

Whenever you handle a firearm or hand it to someone, always open the action immediately, and visually check the chamber, receiver and magazine to be certain they do not contain any ammunition. Never assume a gun is unloaded – check for yourself! While in the field, there will be times when common sense and the basic rules of firearms safety will require you to unload your gun for maximum safety. When in doubt, unload your gun!

# 3. DON'T RELY ON YOUR GUN'S "SAFETY"

Treat every gun as though it can fire at any time, regardless of pressure on the trigger. The "safety" on any gun is a mechanical device, which, like any such device, can become inoperable at the worst possible time. The safety serves as a supplement to proper gur handling but cannot possibly serve as a substitute for common sense.

Never touch the trigger on a firearm until you actually intend to shoot.

Your firearm is a precision instrument. Regardless of the position of the safety, any bump strong enough to actuate the firing mechanism of a gun can cause it to fire. The only time you can be absolutely certain that a gun cannot fire is when the action is open and it is completely empty. You and the safe gun handling procedures you have learned are your gun's primary safeties.

# BE SURE OF YOUR TARGET AND WHAT'S BEYOND IT

No one can call a bullet back. Don't shoot unless you know exactly what your bullet is going to strike. Be sure that your bullet will not injure anyone or anything beyond your target. You should keep in mind how far a bullet will travel if it misses your intended target or ricochets in another direction.

Be aware that even a .22 short bullet can travel over 11/4 miles and a high velocity cartridge, such as a 30-06, can project a bullet more than 3 miles. Shotgun pellets can travel 500 yards, and shotgun slugs have a range of over a half-mile.

# USE CORRECT AMMUNITION

You must assume the serious responsibility of using only the correct ammunition for your firearm. Read and heed all warnings, including those that appear in the gun's instruction manual and on the ammunition boxes. Using improper or incorrect ammunition can destroy a gun and cause serious personal injury. It only takes one cartridge of improper caliber or gauge to wreck your gun, and only a second to check each one as you load it. Be absolutely certain that the ammunition you are using matches the specifications that are contained within the gun's instruction manual and the manufacturer's markings on the firearm barrel.

Hand loaded or reloaded ammunition deviating from pressures generated by factory loads or from competent recommendations specified in reputable hand loading manuals can be dangerous, and can cause severe damage to guns and serious injury to the shooter.

Ammunition that has become very wet or has been submerged in water should be discarded in a safe manner. Do not spray oil or solvents on ammunition or place ammunition in excessively lubricated firearms.

Form the habit of examining every cartridge you put in your gun. Never use damaged, old or questionable ammunition – the money you save is not worth the risk of possible injury or a ruined gun.

# WARNING

DISCHARGING FIREARMS IN POORLY
-VENTILATED AREAS, CLEANING FIREARMS OR
HANDLING AMMUNITION MAY RESULT IN
EXPOSURE TO LEAD AND OTHER SUBSTANCES
KNOWN TO CAUSE BIRTH DEFECTS,
REPRODUCTIVE HARM AND OTHER SERIOUS
PHYSICAL INJURY. HAVE ADEQUATE
VENTILATION AT ALL TIMES. WASH HANDS
THOROUGHLY AFTER EXPOSURE.

IF YOUR GUN FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH CARE!

Occasionally, a gun may not fire when the trigger is pulled. If this occurs, keep the muzzle pointed in a safe direction. Keep your face away from the breech. Then, carefully open the action, unload the firearm and dispose of the cartridge in a safe way.

Any time there is a cartridge in the chamber, your gun is loaded and ready to fire- even if you've tried to shoot and it did not go off. It could go off at any time, so you must always remember RULE #1 and WATCH THAT MUZZLE!

# ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING

All shooters should wear protective shooting glasses and some form of hearing protectors while shooting. Exposure to shooting noise can damage hearing, and adequate vision protection is essential. Wearing eye protection when disassembling and cleaning any gun will also help prevent the possibility of springs, spring tensioned parts, solvents or other agents from contacting your eyes. No target shooter, plinker or hunter should ever be without them.

8. BE SURE THE BARREL IS CLEAR OF OBSTRUCTIONS BEFORE SHOOTING

Then glance through the barrel to be sure it is clear of any obstruction. Even a small bit of mud, snow, excess lubricating oil or grease in the bore can cause dangerously increased pressure, causing the barrel to bulge or even burst when firing, which can cause injury to the shooter and bystanders. Make it a habit to clear the bore with a cleaning rod and patch to wipe away anti-rust compounds in the gun each time immediately before you shoot it. If the noise or recoil on firing seems weak or doesn't seem quite "right", cease firing immediately and be sure to check that no obstruction of

Before you load your firearm, open the action and

be certain that there is no cartridge in the chamber.

 DON'T ALTER OR MODIFY YOUR GUN, AND HAVE GUNS SERVICED REGULARLY

projectile has become lodged in the barrel.

Firearms are complicated mechanisms, which are designed by experts to function properly in their original condition. Any alteration or change made to a firearm

after manufacture can make the gun dangerous and will usually void any factory warranties. Do not jeopardize your safety or the safety of others by altering the trigger, safety or other mechanism of any firearm or allowing unqualified person's to repair or modify a gun.

Your gun is a mechanical device, which will not last forever and is subject to wear. As such, it requires periodic inspection, adjustment and service.

# LEARN THE MECHANISM AND HANDLING CHARACTERISTICS OF THE FIREARM YOU ARE USING

Not all firearms are the same. Consequently, never handle any firearm without first having thoroughly familiarized yourself with the particular type of firearm you are using, the safe gun handling rules for loading, unloading, carrying and handling that firearm, and the rules of safe gun handling in general. Locate the firearm's mechanical safety device and get familiar with the feel and "on/off" positions.

You should always read and refer to the instruction manual you received with your gun, or if you have misplaced the manual, simply contact the manufacturer for a free copy.

Having a gun in your possession is a fulltime job. You cannot guess; you cannot forget. You must know how to use, handle and store your firearm safely. Do not use any firearm without having a complete understanding of its particular characteristics and safe use. There is no such thing as a foolproof gun.

# SECTION 2

#### BASIC FUNCTIONS

PRIOR TO LOADING OR OPERATING, FAMILIARIZE YOURSELF THOROUGHLY WITH THESE OPERATING INSTRUCTIONS AND THE MAIN PARTS OF YOUR FIREARM.

FAILURE TO OBEY A SAFETY WARNING MAY RESULT IN INJURY TO YOU OR OTHERS.

KNOW HOW TO LOCATE AND OPERATE THE SAFETY MECHANISM.

#### SAFETY

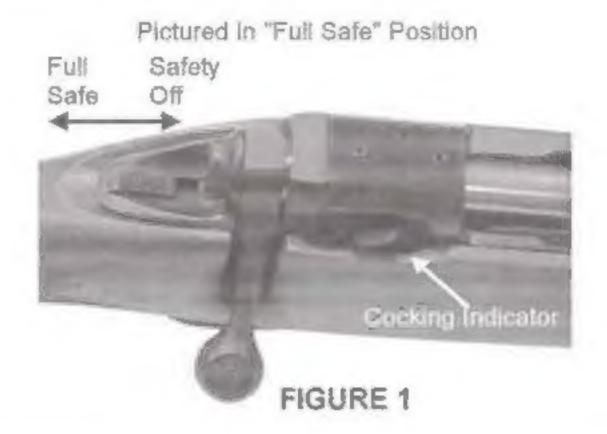
The safety on your Savage Arms bolt action firearm has 3 positions:

- FULL SAFE Pull safety button towards shooter (trigger blocked – bolt can not be opened).
- MID POSITION (trigger blocked bolt can be opened).
- SAFETY OFF [READY TO FIRE] Push safety button away from shooter.

# **FULL SAFE**

A) The safety is in the FULL SAFE position when it has been moved fully rearward, covering the red "F" (See FIGURE 1).

- B) The safety should be moved into the FULL SAFE position when the bolt has been closed and the firearm is ready to fire.
- C) In the FULL SAFE position, the trigger is blocked from moving and the bolt on rifles and HUNTING HANDGUNS cannot be opened. On SHOTGUNS, however, the bolt can be opened in FULL SAFE.



# CAUTION

WHEN CARRYING A LOADED FIREARM, THE SAFETY MUST ALWAYS BE IN THE FULL SAFE POSITION.

THE ONLY TIME YOU CAN BE ABSOLUTELY CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

#### MID POSITION

A) MID POSITION allows the bolt to be opened and cycled while still blocking the trigger.

- B) The safety will move to the MID POSITION when the following sequence is performed (except SHOTGUNS):
  - Lift the bolt handle
  - Move the safety to the FULL SAFE position
  - Push the bolt handle downward

# SAFETY OFF [READY TO FIRE]

A) The safety is in the OFF position when moved fully forward, exposing the red "F".

# CAUTION

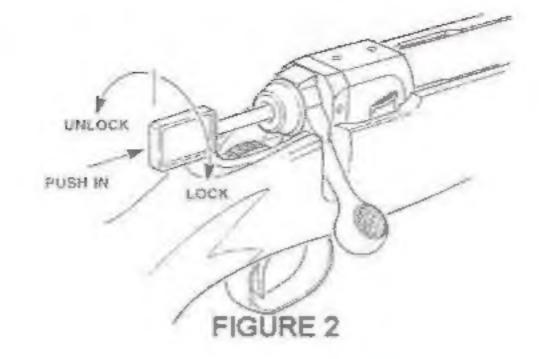
NEVER TRANSPORT/CARRY A LOADED FIREARM
WITH THE SAFETY OFF.

# SAVAGE BOLTLOC™ SYSTEM

THIS SECTION ONLY APPLIES TO FIREARMS EQUIPPED WITH THE **SAVAGE ARMS** BOLTLOC™ SYSTEM.

The SAVAGE BOLTLOC™ system was designed to deter a minor or unauthorized persons from opening the action of the firearm. When used as instructed (see FIGURE 2), the bolt handle will be restricted from opening, preventing the firearm from being loaded or fired.

THE SAVAGE BOLTLOC™ SERVES AS A SUPPLEMENT TO PROPER GUN SAFETY AND STORAGE BUT CANNOT POSSIBLY SERVE AS A SUPERITURE FOR COMMON SENSE



#### TO ACTIVATE

- Place the safety in the SAFETY OFF [READY TO FIRE] position and open the bolt.
- Inspect the chamber, internal magazine (or removable clip) to verify the firearm is UNLOADED.
- Holding the trigger to the rear, close the bolt.
- Insert the BOLTLOC ™ key into the rear of the bolt assembly (see FIGURE 2).
- Push BOLTLOC ™ key in and turn clockwise 1/4 turn (see FIGURE 2).

#### TO DEACTIVATE

- Insert the BOLTLOC™ into the rear of the bolt assembly.
- Push BOLTLOC™ key in and turn counterclockwise ¼ turn (see FIGURE 2).

- You will feel the lock disengage rearward
- The firearm can now be functioned

#### LOADING

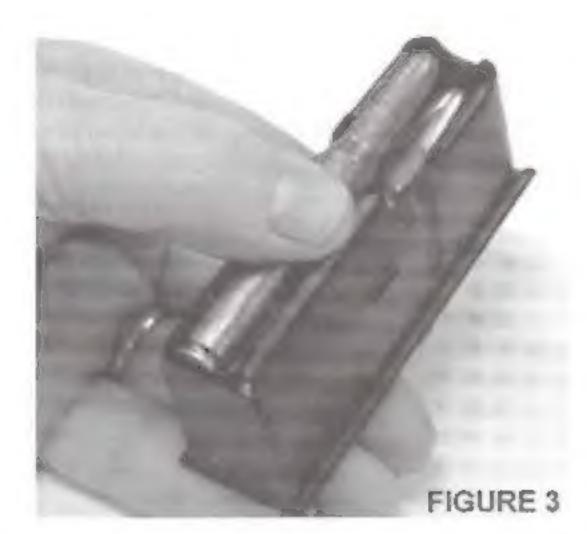
FIREARMS SHOULD BE LOADED ONLY WHEN YOU ARE IN THE FIELD, ON THE TARGET RANGE, OF AT A SHOOTING AREA READY TO SHOOT.

ALWAYS KEEP THE MUZZLE POINTED IN A SA. DIRECTION.

USE ONLY THE CORRECT AMMUNITION THAT STAMPED ON THE SIDE OF THE BARREL.

THOROUGHLY CLEAN THE INSIDE OF THE BARREL AND CHAMBER TO ASSURE THERE AND POSSIBLE OBSTRUCTIONS PRIOR LOADING.

# REMOVABLE BOX MAGAZINE (CLIP)

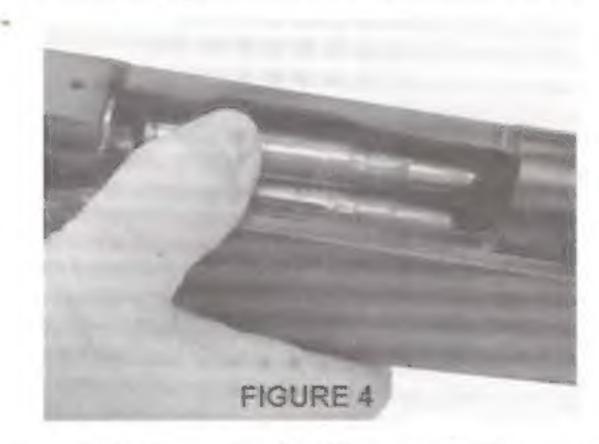


- With the muzzle of the firearm pointed in a safe direction, move the safety forward to the SAFETY OFF [READY TO FIRE] position.
- Lift the bolt handle but do not pull to the rear.
- Move the safety fully rearward to the FULL SAFE position then push the bolt handle downward.
- The safety will move to the HALF SAFE position automatically, allowing the action to be cycled while the trigger is still blocked.
- With one hand prepared to catch the removable magazine, push the button on the right side of the stock.

- As shown in FIGURE 3, load the correct caliber cartridges (see Section 7) into the removable magazine by pressing downward and to the rear.
- Insert the removable magazine back into the stock opening, pressing upward until the latch is fully engaged.

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

# TOP LOADING (THROUGH THE EJECTION PORT)



- With the muzzle pointed in a safe direction, move the safety forward to the SAFETY OFF [READY TO FIRE] position.
- Lift the bolt handle but do not pull to the rear.
- Move the safety fully rearward to the FULL SAFE position.
- 4 Pull holt handle rearward

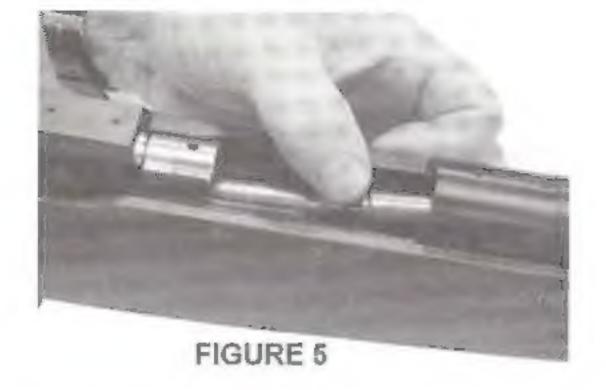
- The safety will move to the HALF SAFE position automatically when the bolt is closed.
- As shown in FIGURE 4, load the correct caliber cartridges (see Section 7) into the magazine by pressing downward and to the rear.

### TO LOAD CHAMBER FROM MAGAZINE

- Moving the bolt handle forward will push the first cartridge from the magazine into the chamber.
  - When the bolt is fully closed, a live cartridge will be IN THE CHAMBER.
  - Always keep the muzzle pointed in a safe direction.
- Move the safety fully rearward to the FULL SAFE position, locking the bolt handle.

# TO LOAD A SINGLE CARTRIDGE INTO THE CHAMBER

- With the muzzle pointed in a safe direction, insert a cartridge into the chamber as shown in FIGURE 5.
- Depressing the cartridges in the magazine with one hand, slowly push the bolt forward allowing it to slide over the top of the cartridges in the magazine.
- Move the safety fully rearward to the FULL SAFE position, locking the bolt handle.



# TO FIRE

DO NOT MOVE THE SAFETY FORWARD TO THE SAFETY OFF [READY TO FIRE] POSITION UNTIL YOU ARE READY TO SHOOT.

 Keep your finger off the trigger and out of the trigger guard until you are ready to shoot.

THE ONLY TIME YOU CAN BE ABSOLUTELY CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

- Always look carefully around to be sure that no one will cross in front of you when you are ready to shoot.
- Place the firearm in shooting position and move the safety forward to the SAFETY OFF [READY TO FIRE] position and take alm.

NEVER TOUCH THE TRIGGER ON A FIREARM UNTIL YOU ACTUALLY INTEND TO SHOOT.

NEVER POINT YOUR GUN AT ANYTHING YOU DO NOT INTEND TO SHOOT.

 Place your finger in the trigger guard and when you are on target, squeeze the trigger slowly.

#### NO ONE CAN CALL A BULLET BACK !!!

Pull up and fully rearward on the bolt handle to open the bolt to extract the fired case.

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

- 6. Moving the bolt handle forward will push the next cartridge from the magazine into the chamber.
- Move the safety fully rearward to the FULL SAFE position, locking the bolt handle.

# UNLOADING YOUR RIFLE TOP LOADING (THROUGH THE EJECTION PORT)

 With the muzzle pointed in a safe direction, move the safety forward to the SAFETY OFF [READY TO FIRE] position.

# KEEP YOUR FINGERS AWAY FROM THE TRIGGER.

- Lift the bolt handle but do not pull to the rear.
- Move the safety fully rearward to the FULL SAFE position, and then push the bolt handle downward.
- 4. The safety will move to the HALF SAFE position automatically, allowing the action to be cycled while the trigger is still blocked.

- Placing one hand over the ejection port, slowly pull the bolt handle to the rear to extract the cartridge from the chamber,
- Remove the cartridge with your fingers.
- Push the bolt fully forward until it engages the next cartridge behind the extractor (the bolt handle need not be pushed down).
- Repeat steps 5 through 7 until the magazine is empty.

# CAUTION

LOOK AND FEEL! BE SURE THE CHAMBER AND MAGAZINE ARE COMPLETELY EMPTY -- DO NOT ASSUME!

A LOADED GUN HAS NO PLACE IN OR NEAR A VEHICLE OR BUILDING.

# UNLOADING YOUR RIFLE REMOVABLE BOX MAGAZINE (CLIP)

 With the muzzle pointed in a safe direction, move the safety forward to the SAFETY OFF [READY TO FIRE] position.

### KEEP YOUR FINGERS AWAY FROM THE TRIGGER.

- Lift the bolt handle but do not pull to the rear.
- Move the safety fully rearward to the full safe position, then push the bolt handle downward.

- The safety will move to the half safe position automatically, allowing the action to be cycled while the trigger is still blocked.
- Placing one hand under the removable magazine, press the release button on the side of the stock ejecting the magazine into your hand.

COMPLETE STEPS 6 AND 7 IN THEIR ENTIRETY!!!!!

ALTHOUGH THE MAGAZINE (CLIP) HAS BEEN REMOVED, THERE STILL MAY BE A LIVE CARTRIDGE IN THE CHAMBER!!!

- Placing one hand over the ejection port, slowly pull the bolt handle to the rear to extract the cartridge from the chamber.
- Remove the cartridge with your fingers.

## CAUTION

LOOK AND FEEL! BE SURE THE CHAMBER IS EMPTY - DO NOT ASSUME!

# MUZZLE BRAKES

THIS SECTION ONLY APPLIES TO FIREARMS EQUIPPED WITH THE SAVAGE ARMS ADJUSTABLE MUZZLE BRAKE.

NEVER ADJUST THE MUZZLE BRAKE IF THE FIREARM IS LOADED.

ALWAYS WEAR EAR AND EYE PROTECTION.

WHEN SHOOTING WITH THE MUZZLE BRAKE OPEN, BE SURE THE MUZZLE IS IN A CLEAR AREA; EREE OF DERRIS AND OTHER SHOOTERS TO OPEN (reduce recoil)

BE SURE THE BOLT IS OPEN AND THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE.

- Hold the firearm in your right hand with the muzzle pointed in a safe direction.
- Grasp the muzzle brake with your left hand and twist it (less than 1/4 turn) counterclockwise (you will hear a distinct "click").
- 3. To be sure the BRAKE is open, the holes should be perfectly lined up; allowing you to see through them.

TO CLOSE (full recoil)

BE SURE THE BOLT IS OPEN AND THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE.

- Hold the firearm in your right hand with the muzzle pointed in a safe direction.
- 2. Grasp the muzzle brake with your left hand and twist it (less than 1/4 turn) clockwise (you will hear a distinct "click").
- To be sure the BRAKE is closed, the holes will not be lined up; you will not be able to see through them.

TO CLEAN THE MUZZLE BRAKE

BE SURE THE BOLT IS OPEN AND THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OF MAGAZINE.

- After each use, position the BRAKE in the closed position.
- Liberally apply 'KLEEN BORE TW25B' (or an equivalent solvent that does not contain oil).
- Open and close the BRAKE, working the solvent into the mechanism to flush out any residue and prevent carbon build-up.

APPLYING OIL TO THE ADJUSTABLE MUZZLI BRAKE WILL INCREASE CARBON BUILD-UP AND MAY CAUSE THE BRAKE TO MALFUNCTION.

CLEANING AND CARE OF YOUR FIREARM

YOUR GUN IS A MECHANICAL DEVICE THAT WILL NOT LAST FOREVER AND IS SUBJECT TO WEAR.

TO REMOVE THE BOLT

ALWAYS KEEP THE MUZZLE POINTED IN A SAFI

A LOADED GUN HAS NO PLACE IN OR NEAR A VEHICLE OR BUILDING.

Lift the bolt handle and pull fully rearward.

- When the bolt is opened, look and feel to be sure there are no cartridges in either the chamber or magazine.
- Pull back on the trigger while pressing down on the COCKING INDICATOR
- Slide the bolt out of the rear of the receiver.
- Care should be taken not to hit the stock with the bolt.

# CAUTION

BOLT ASSEMBLIES ARE SPECIFICALLY MATCHED TO A FIREARM. USING ANY OTHER BOLT ASSEMBLY MAY CAUSE EXTENSIVE DAMAGE TO THE FIREARM AND/OR SERIOUS INJURY TO THE SHOOTER OR BYSTANDER.

DISASSEMBLE ONLY ONE FIREARM AT A TIME TO AVOID INTERCHANGING COMPONENTS.

## CLEANING THE BORE

LOOK AND FEEL! BE SURE THE CHAMBER AND MAGAZINE ARE COMPLETELY EMPTY — DO NOT ASSUME!!!

NEVER ATTEMPT TO DISASSEMBLE, CLEAN, OR OIL A LOADED FIREARM!

BE SURE TO READ AND UNDERSTAND ALL OF THE CAUTIONS AND WARNINGS ON ALL SOLVENTS AND CHEMICALS PRIOR TO USE. FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR BEST CLEANING RESULTS

- Prepare an area for cleaning the firearm with a suitable surface, adequate ventilation, correct caliber cleaning rod, brush, patches, powder solvent, and oil.
- Remove the bolt.
- Lay the firearm horizontally with the ejection port facing down.

ALWAYS STARTING FROM THE CHAMBER END, PUSH THE CLEANING ROD THROUGH THE BORE AND OUT THE MUZZLE END.

- Using a small amount of powder solvent on the brush, push the cleaning rod through the barrel several times.
- 5. Unscrew the brush from the cleaning rod and replace it with a patch tip.
- Push a new patch through the bore starting from the chamber end and out the muzzle.
- Repeat step 6 several times.
- Push a new patch saturated with gun oil through the bore.
- Push a new dry patch through the bore to remove the excess oil.

A VERY THIN FILM OF OIL IS SUFFICIENT PROTECTION - DO NOT OVER OIL!!!

YOUR GUN IS A MECHANICAL DEVICE THAT WILL NOT LAST FOREVER AND IS SUBJECT TO WEAR. CONTACT SAVAGE ARMS SERVICE DEPARTMENT FOR PERIODIC INSPECTION. ADJUSTMENT AND SERVICE.

# PROTECTING METAL SURFACES

- In order to be able to reach all surfaces, the bolt prior to cleaning and oiling.
- With a soft cloth, remove any foreign mat mud, twigs, grass).
- Apply a thin coat of gun oil on all cleaned surfaces. Rubbing may be necessary to remov signs of rust.
- Where accessible, clean and lightly oil intermetal surfaces.

DO NOT DISASSEMBLE THE BOLT ASS

# SECTION 3

#### **BOLT ACTION RIFLES**

PARTS MAY BE ORDERED DIRECTLY FROM SAVAGE ARMS [413-568-7001] BETWEEN THE HOURS OF 9:00 AND 3:30 (EASTERN STANDARD TIME). THERE IS A MINIMUM ORDER AND PLEASE ALLOW 2 WEEKS FOR DELIVERY.

PLEASE BE ADVISED THAT SOME PARTS MAY
REQUIRE FITTING. SAVAGE ARMS BEARS NO
RESPONSIBILITY FOR THE FUNCTION OR
PERFORMANCE OF ANY FIREARM THAT HAS
BEEN REPAIRED OR MODIFIED BY OTHER THAN
SAVAGE ARMS SERVICE DEPARTMENT. AS
SUCH, SAVAGE ARMS ACCEPTS NO
RESPONSIBILITY/LIABILITY FOR ANY DIRECT
AND/OR CONSEQUENTIAL DAMAGE AND/OR
INJURY RESULTING FROM THE USE OF A
FIREARM REPAIRED OR MODIFIED BY OTHER
THAN THE SAVAGE ARMS SERVICE
DEPARTMENT.

#### MODEL 110

em#	Description
ng.	Safety assembly
MIA	8-32 x 1/4" socket screw
**1B	Safety detent spring
**10	5-40 x 3/16" pan head screw
**1D	Safety

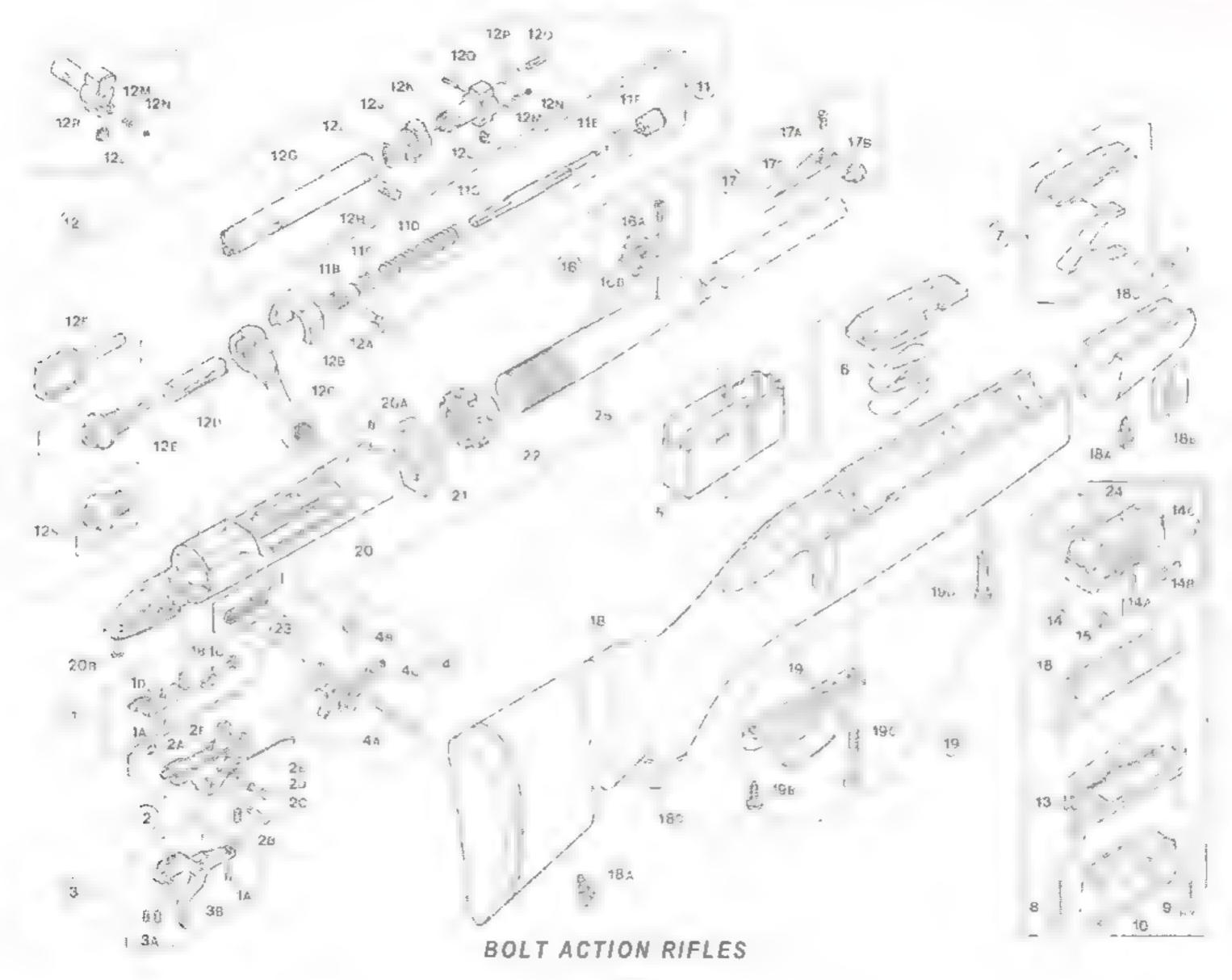
**2	Trigger bracket Kit	121.	Extractor
**2A	Safety retaining ring	12M	Extractor spring
**2B	Trigger pull adjusting screw	12N	1/B" steel ball
**20	Trigger pin	120	Ejector
**2D	Safety bearing pin	12P	Ejector spring
**2E	Engger pull adjusting spring	120	Ejector retaining pin
**2F	Trigger bracket	-12R	Bolt head (CRF)
		128	Bolt assembly screw
**3	Trigger assembly	**11	Finng Pin Assy
**3A	8-32 x 3/8" sockel screw		
**38	Trigger	13	Floor plate
*1A	8-32 x 1/4" socket screw	-	, rour proto
16.5	O SE P PE STANDED STANDED	14	Magazine guide assembly
**4	Sear Kit	14A	Magazine latch pin
**4A	Sear pin	14B	Magazine latch
**4B	Sear spring	14C	Magazine latch spring
- "4C	Sear	15	Magazine latch button
40	368	10	Magazine laton button
5	Magazine box	16	Rear sight Kit
	Magazine follower assy with coiled spring	16A	Rear sight screw
7	Magazine follower assy with leaf spring	16B	Rear sight assembly
8	Rear action screw (Clip)		
9	Front action screw (Clip)	17	Front sight Kit
10	Magazine box assembly (Clip)	17A	Front sight screw
		17B	Front sight blade
**11	Firing pin assembly	17C	Front sight base
**118	Cocking piece	18	Stock assembly
**11C	Cocking piece lock washer	18A	Swivel stud
**11D	Mainspring	188	Swivel stud (machine screw thread)
**11E	Firing pin stop nut washer	18C	10-32 lock nut
**11F	Finng pin stop nut	18D	Medallion
**11G	Finng pin		
		19	Trigger guard Kit
₩12	Bolt assembly	19A	Trigger guard
12A	Cocking piece pin	19B	Rear trigger guard screw
128	Rear baffle assembly	19C	Rear action screw
12C	Bolt handle	19D	Front action screw
12D	Cocking piece sleeve		
12E	Bollioc assembly screw	*20	Receiver
12F	Bollioc key	20A	6-48 dummy screw
12G	Bolt body	20B	Safety insert
12H	Bolt head retaining pin	*21	Recoil lug
121	Front baffle washer	-22	Barrel lock nut
12J	Front baffle	23	Ejector (CRF)
112K	Bolt head	24	Magazine ejector spring
1411	Don Hood	27	magazine ojecior spring

\*25

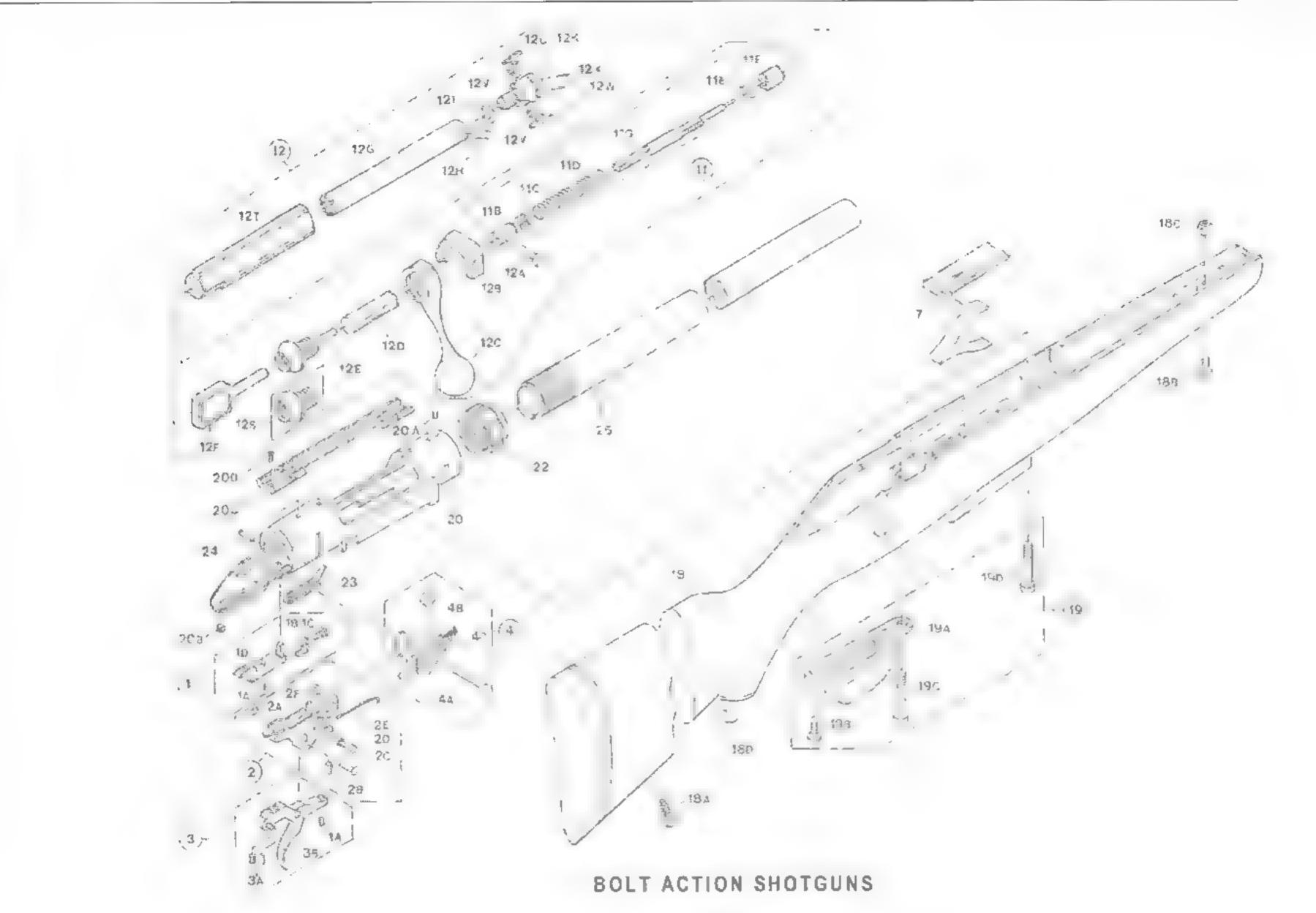
Azmel

<sup>\*</sup> RESTRICTED TO FACTORY INSTALLATION ONLY

<sup>\*\*</sup> CAN ONLY BE SOLD TO AN INDIVIDUAL POSSESSING A CURRENT FEDERAL FIREARMS LICENSE



OSECTION 4		MODEL 210	**12	Bolt assembly
			12A	Cocking piece piri
BOLT ACTION SHOTGUNS	Item#	Description	12B	Rear baffle assembly
BOET AUTION ON OTOONS			12C	Bolt hand e
PARTS MAY BE ORDERED DIRECTLY FROM	65.4	Safety assembly	12D	Cocking piece's eeve
<b>SAVAGE ARMS</b> [413-568-7001] BETWEEN THE	**1A	8-32 x 1/4" socket screw	12E	Bortloc assembly screw
	**18	Safety detent spring	12F	Bo tloc key
HOURS OF 9 00 AND 3:30 (EASTERN STANDARD	**1C	5-40 x 3/16" pan head screw	12G	Boit body
TIME). THERE IS A MINIMUM ORDER AND PLEASE	**1D	Safety	12H	Bott head retaining pin
ALLOW 2 WEEKS FOR DELIVERY		1	121	Front baffle washer
	**2	Trigger bracket Kit	**12K	Bo t head
PLEASE BE ADVISED THAT SOME PARTS MAY	**2A	Safety retaining ring	12S	Bolt assembly screw
REQUIRE FITTING. SAVAGE ARMS BEARS NO	**2B	Trigger pull adjusting screw	12T	Bo t sleeve
RESPONSIBILITY FOR THE FUNCTION OR	**2C	Trigger pin	12U	LH extractor
PERFORMANCE OF ANY FIREARM THAT HAS	**2D	Safety bearing pin	12V	Extractor spring
BEEN REPAIRED OR MODIFIED BY OTHER THAN	•• , E	Trigger pull adjusting spring	12W	RH extractor
	2F	Trigger bracket	12X	Ejector retaining pin
SAVAGE ARMS SERVICE DEPARTMENT. AS	LI	Higger bracker	4611	Firing pin Assy
SUCH, SAVAGE ARMS ACCEPTS NO	**2	Trigger assembly		3,4
RESPONSIBILITY/LIABILITY FOR ANY DIRECT	3A	8-32 x 3/8" socket screw	18	Stock assembly
AND/OR CONSEQUENTIAL DAMAGE AND/OR	**3B	_	18A	Sw ve stud
INJURY RESULTING FROM THE USE OF A	11A	Trigger 8-32 x 1/4" socket screw	188	Swiver stud (machine screw thread)
FIREARM REPAIRED OR MODIFIED BY OTHER	1 174	0-02 x 1/4 300x61301011	18C	10-32 lock nut
	**4	Sear Kit	18D	Medalion
THAN THE SAVAGE ARMS SERVICE	4A	Sear pin		71000
DEPARTMENT.			19	Trigger guard Kit
	1748	Sear spring	19A	Trigger guard
FOR PROPER EJECTION OF THE SHELL, SAVAGE	1°4C	Sear	19B	Rear trigger guard screw
RECOMMENDS THE USE OF "HIGH" STEEL RINGS	7	Manager of the war and with last angers	190	Rear action screw
	1	Magazine follower assy with leaf spring	19D	Front action screw
WITH A MINIMUM CLEARANCE OF	end 4	F	130	Loug delien acrew
APPROXIMATELY 1-3/8" SUCH AS	**11	Firing pin assembly	*20	Rece ver
B-SQUARE	**11B	Cocking piece	20A	6-48 dummy screw
	**110	Cocking piece lock washer	20B	The state of the s
PART NO. 10042 INTERLOCK	**11D	Mainspring		Safety insert
WEAVER	*** 1 1 E	Finng pin stop nut washer	20C	One piece scope base
PART NO. 490044 XTRA HIGH	††11 <b>F</b>	Firing pin stop nut	20D	Scope base screw
FART NO. 490044 X1RA DIGIT	**11G	Finng pin	*22	Barrer lock nut
INFORMATION IS BASED ON OUR EXPERIENCE	* DECTOV	TED TO EACTORY INCEASE ATION ONLY	23	Ejector (458)
AND IS NOT AN ENDORSEMENT OF ANY PRODUCT	KESIKI	CTED TO FACTORY INSTALLATION ONLY	24	Ejector pin
	** CAN C	ONLY BE SOLD TO AN INDIVIDUAL POSSESSING A	*25	Barre
AND/OR MANUFACTURER.		ECHEDAL ELDEADING LICENICE		



# CARCTRON'S

#### VARMINTER

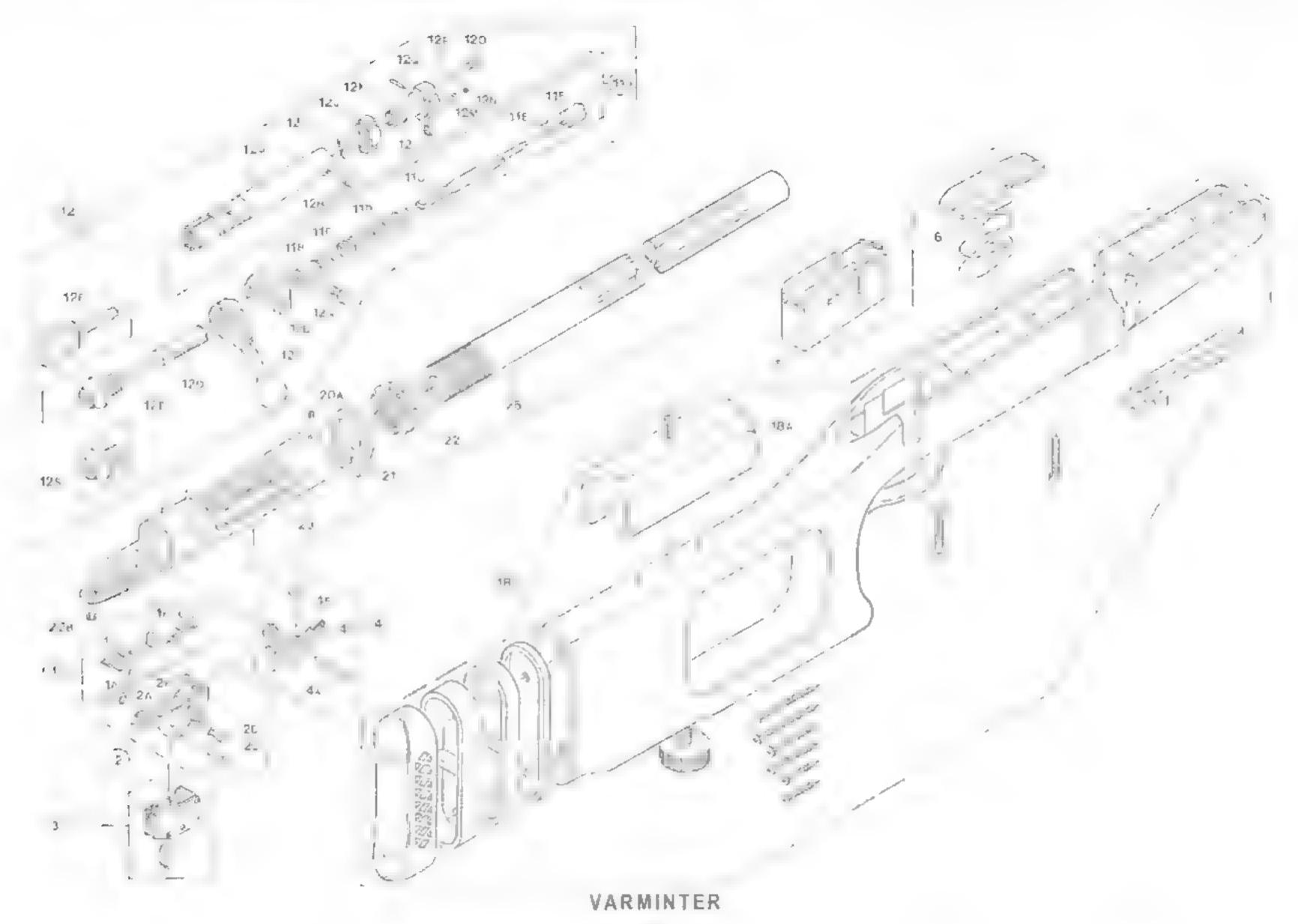
PARTS MAY BE ORDERED DIRECTLY FROM SAVAGE ARMS [413-568-7001] BETWEEN THE HOURS OF 9:00 AND 3.30 (EASTERN STANDARD TIME). THERE IS A MINIMUM ORDER AND PLEASE ALLOW 2 WEEKS FOR DELIVERY.

PLEASE BE ADVISED THAT SOME PARTS MAY
REQUIRE FITTING. SAVAGE ARMS BEARS NO
RESPONSIBILITY FOR THE FUNCTION OR
PERFORMANCE OF ANY FIREARM THAT HAS
BEEN REPAIRED OR MODIFIED BY OTHER THAN
SAVAGE ARMS SERVICE DEPARTMENT. AS
SUCH, SAVAGE ARMS ACCEPTS NO
RESPONSIBILITY/LIABILITY FOR ANY DIRECT
AND/OR CONSEQUENTIAL DAMAGE AND/OR
INJURY RESULTING FROM THE USE OF A
FIREARM REPAIRED OR MODIFIED BY OTHER
THAN THE SAVAGE ARMS SERVICE
DEPARTMENT.

#### CAUTION

SAVAGE ARMS OFFERS CERTAIN MODEL FIREARMS (SUCH AS THE VARMINTER) WITH A SPECIALLY DESIGNED 'LIGHT PULL' TRIGGER. SUCH FIREARMS ARE CONSIDERED TARGET FIREARMS AND ARE EXEMPT FROM SAAMI/ANSI INDUSTRY DROP TEST REQUIREMENTS FOR INADVERTENT DISCHARGE. IT IS THE SOLE RESPONSIBILITY OF THE SHOOTER TO EXERCISE EXTREME CARE WHILE HANDLING THESE FIREARMS TO PREVENT INADVERTENT DISCHARGE. SAVAGE ARMS ACCEPTS NO

RESPONSIBILITY/ LIABILITY FOR ANY DIRECT AND/OR CONSEQUENTIAL DAMAGE AND/OR INJURY RESULTING FROM THE MISUSE AND/OR MISHANDLING OF THESE SPECIFICALLY EQUIPPED FIREARMS.		**11 **11B **11C **11D **11E **11F	Firing pin assembly Cocking piece Cocking piece lock washer Mainspring Firing pin stop nut washer	
* RESTRIC	TED TO FACTORY INSTALLATION ONLY	**11G	Firing pin stop nut Firing pin	
	NLY BE SOLD TO AN INDIVIDUAL POSSESSING A	**12	Bolt assembly	
CURRENT	FEDERAL FIREARMS LICENSE	12A	Cocking piece pin	
	MODEL 12VSS	12B	Rear baffle assembly	
	WIODEL 12499	12C	Bolt handle	
Item #	Description	12D	Cocking piece sleeve	
ILEIII #	Description	12E	Bolt oc assembly screw	
194	Safahi accambly	12F	Boltioc key	
**1A	Safety assembly 8-32 x 1/4" socket screw	12G	Bort body	
**1B		12H	Bo t head retaining pin	
**1C	Safety detent spring 5-40 x 3/16° pan head screw	121	Front baffle washer	
**1D	·	12J	Front baffle	
10	Safety	**12K	Bolt head	
ma	Trianar brookst Kit	12.	Extractor	
**2	Trigger bracket Kit	12M	Extractor spring	
**2A	Safety retaining ring	12N	1/8" steel bal	
**2C	Trigger pin	120	Ejector	
**2D	Safety bearing pin	12P	Ejector spring	
**2F	Tngger bracket	12Q	Ejector retaining pin	
2	Charachardes forces assembly	12S	Bolt Assy Screw	
3	Sharp shooter trigger assembly	**11	Firing pin Assy	
**4	Sear Kit	40	Stook accombly	
**4A	Sear pin	18	Stock assembly	
**4B	Sear spring	18A	Cheek piece	
**4C	Sear	*20	Rece ver	
		20A	6-48 dummy screw	
5	Magazine box	20B	Safety insert	
6	Magazine follower assy with coxed spring	*21	Recoil lug	
		*22	Barrel lock nut	
		*25	Ваптел	



# CERTION

#### **HUNTING HANDGUN**

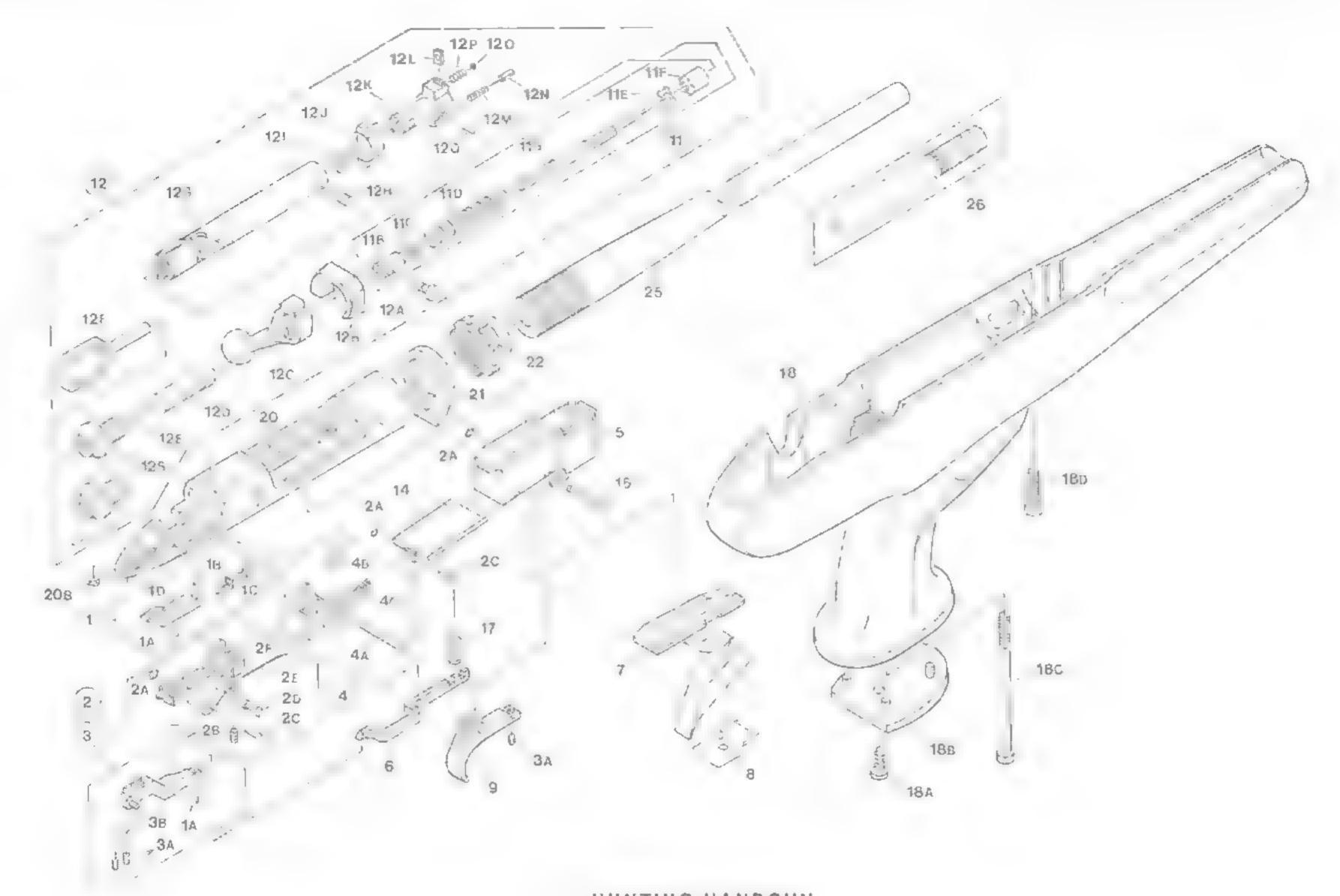
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PLEASE BE ADVISED THAT SOME PARTS MAY
REQUIRE FITTING. SAVAGE ARMS BEARS NO
RESPONSIBILITY FOR THE FUNCTION OR
PERFORMANCE OF ANY FIREARM THAT HAS
BEEN REPAIRED OR MODIFIED BY OTHER THAN
SAVAGE ARMS SERVICE DEPARTMENT, AS
SUCH, SAVAGE ARMS ACCEPTS NO
RESPONSIBILITY/LIABILITY FOR ANY DIRECT
AND/OR CONSEQUENTIAL DAMAGE AND/OR
INJURY RESULTING FROM THE USE OF A
FIREARM REPAIRED OR MODIFIED BY OTHER
THAN THE SAVAGE ARMS SERVICE
DEPARTMENT.

CAN ONLY BE SOLD TO AN INDIVIDUAL POSSESSING A CURRENT FEDERAL FIREARMS LICENSE

	MODEL 510	=12	Bolt assembly
	11.00222010	12A	Cocking piece pin
Item #	Description	12B	Rear baffle assembly
TLOIT!	Bosomption	12C	Bolt handle
214	Safety assembly	12D	Cocking piece sleeve
· A	8-32 x 1'4" socket screw	12E	Bo tloc assembly screw
***B	Safety detent spring	12F	Bo tloc key
****	5-40 x 3/16" pan head screw	12G	Bolt body
** * *	Safety	12H	Bolt head retaining pin
_	Sarety	12,	Front baffle washer
<b>~</b> 2	Trigger bracket Kit	12J	Front baffle
**OA		**12K	Bot head
3	Safety retaining ring	12L	Extractor
3	Ingger pull adjusting screw	12M	Ejector spring
energy (file)	Ingger pin	12N	Ejector
**1E	Safety bearing pin	120	1 8" steel bal
	Trigger pull adjusting spring	12P	Extractor spring
0.00	Trigger bracket	12Q	Ejector retaining pin
** 2	Occartinger consents	128	Bolt assembly screw
**3	Rear trigger assembly	**11	Finng pin Assy
**3A	8-32 x 3 8° socket screw	1.1	Little Shirt story
** B	Rear trigger	14	Magazine bottom
7	8-32 x 1/4" socket screw	15	Front trigger pin
**4	C Mit	17	Trigger return spring
	Sear Kit	17	ringger return spring
****	Sear pin	18	Stock assembly
**48	Sear spring	18A	#10 screw
1140	Sear	18B	
*	4.4	18C	Спр сар
ń	Magazine box	18D	Rear action screw
5	Tngger bar	100	Front action screw
	Magazine follower assy with leaf spring	*20	Page year
5 9	Magazine insert		Receiver
9	Front tngger	20B	Safety insert
-1.0		*21	Recoil lug
**11	Firing pin assembly	*22	Barrel lock nut
***1B	Cocking piece	*25	Barre
*****C	Cocking piece lock washer	**26	Adjustable muzzle brake
****D	Mainspring		
1E	Finng pin stop nut washer		
**11F	Finng pin stop nut		
***14G	Fining pin		

RESTRICTED TO FACTORY INSTALLATION ONLY



**HUNTING HANDGUN** 

# SECTION 7

# AMMUNITION BULLET WEIGHTS AND MAGAZINE CAPACITIES

THE FOLLOWING TABLE LISTS THE BULLET WEIGHTS USED FOR 100 YARD TARGETING EVALUATION AT **SAVAGE ARMS**.

PERFORMANCE MAY VARY BASED ON BRAND/TYPE OF AMMUNITION, INDIVIDUAL CHARACTERISTICS OF THE FIREARM, SHOOTER AND/OR SHOOTING CONDITIONS.

# WARNING:

USE ONLY THE CORRECT AMMUNITION THAT IS STAMPED ON THE SIDE OF THE BARREL

Calber	Bullet Weight (Grains)
220 Swift	52 grain - Sierra Match King HPBT
223 Remington	69 grain - Sierra Match King HPBT
22-250 Remington	40 grain - Sierra Varminter Hollow Point
243 Winchester	95 grain - Nosler Ballistic Tip
25-06 Remington	90 grain ~ Sierra Game King HPBT
260 Remington	120 grain - Nosler Ballistic Tip
270 Winchester	130 grain - Nosler Ballistic Tip
7mm-08 Remington	140 grain - Nosler Ballistic Tip
7mm Remington Magnum	150 grain - Nosler Ballistic Tip
7mm Remington Ultra Magnum	140 grain - Nosier Partition
7mm STW	140 grain - Swift A-Frame
7 x 64mm BR	177 grain - Torpedo
7.82 Patriot Lazzeroni	180 grain – Nosler Partition (Moly Costed)
300 Winchester Magnum	180 grain - Nosler Ballistic Tip
300 Remington Ultra Magnum	180 grain - Nosler Partition
300 Winchester Short Magnum	150 grain ~ Nosier Ballistic Silvertip
308 Winchester	168 grain - Sierra Match King HPBT
30-06 Springfield	168 grain - Sierra Match King HPB7
338 Winchester Magnum	210 grain - Nosler Partition
375 H & H	300 grain - PSP Swift A-Frame
458 Winchester Magnum	510 grain - Soft Point
12 Gauge	1 ounce Sabot Slug - 3 inch

Caliber	Magazine Capacity	
220 Swift	Single Shot only	
223 Remington (rifle):	4 - 1 in the chamber	
Striker	2 - 1 in the chamber	
BT	5 - 1 in the chamber	
22-250 Remington (rifle):	4 - 1 in the chamber	
Striker	2 - 1 in the chamber	
243 Winchester (rifle):	4 - 1 in the chamber	
Striker	2 - 1 in the chamber	
25-06 Remington	4 - 1 in the chamber	
260 Remington (rifle)	4 - 1 in the chamber	
Striker	2 - 1 in the chamber	
270 Winchester	4 - 1 in the chamber	
7mm-08 Remington (rifle):	4 - 1 in the chamber	
Striker	2 - 1 in the chamber	
7mm Remington Magnum	4 ~ 1 in the chamber	
7mm Remington Ultra Magnum	2 - 1 in the chamber	
7mm STW	3 - 1 in the chamber	
7 x 64mm BR	4 = 1 in the chamber	
7.82 Patriot Lazzeroni	2 - 1 in the chamber	
300 Winchester Magnum	3 - 1 in the chamber	
300 Remington Ultra Magnum	2 - 1 in the chamber	
300 Winchester Short Magnum (rifle)	3 - 1 in the chamber	
Striker	2 - 1 in the chamber	
308 Winchester (rifle);	4 - 1 in the chamber	
Striker	2 - 1 in the chamber	
BT'	5 – 1 in the chamber	
30-06 Springfield	4 - 1 in the chamber	
338 Winchester Magnum	3 - 1 in the chamber	
375 H & H	3 - 1 in the chamber	
458 Winchester Magnum	3 - 1 in the chamber	
12 Gauge	2-1 in the chamber	

# **SECTION 8**

#### RINGS & BASES

RINGS AND BASES FOR MOUNTING A SCOPE

The following Companies manufacturer RINGS and BASES that fit Savage firearms.

The manufacturer's listed below should be contacted for specific part numbers and information.

WEAVER P.O. Box 39 Onalaska, WI 54650 800-635-7656 www.weaveroptics.com	BURRIS  331 East 8th Street  Greeley, CO 80631  970-356-1670  www.burrisoptics.com
KWIK-SITE 5555 Treadwell Wayne, MI 48184 734-326-1500 www.kwiksiteco@aol.com	MILLETT 7275 Murdy Circle Huntington Beach, CA 92647 800-645-5388 www.millettsights.com
B-SQUARE P.O. Box 11281 Fort Worth, TX 76110 800-433-2909 www.b-square.com	LEUPOLD 14400 NW Greenbrier Parkway Beaverton, OR 97006 503-526-5196 www.leupold.com

# **SECTION 9**

## STATEMENT OF LIMITED WARRANTY

Please complete the WARRANTY REGISTRATION CARD and return it to Savage Arms, Inc. within ten (10) days from the date of purchase.

Savage Arms, Inc. must be notified within one (1) year from the date of purchase of any defect in materials or workmanship encountered during normal use.

#### WHO IS COVERED?

The original owner (with proof of purchase).

#### WHAT IS COVERED?

Any defect in materials or workmanship performed at Savage Arms.

# HOW LONG IS THE WARRANTY PERIOD?

One (1) year from the date of purchase.

#### WHAT IS NOT COVERED?

PERSONAL INJURY, PROPERTY DAMAGE, AND/OR DAMAGE TO THE FIREARM CAUSED BY:

- Negligence to provide proper care and maintenance.
- Alterations/modifications performed without the expressed authorization of Savage Arms, Inc. Service Department.
- Normal wear; tear; and/or corrosion.
- Accidental discharge, careless handling, and/or misuse

Barrel obstructions.

### **EXCLUSIONS AND LIMITATIONS:**

This WARRANTY and the remedies set forth herein are exclusive and take the place of all other expressed or implied WARRANTIES (including any implied WARRANTY of merchantability or fitness for any particular purpose which are disclaimed). No other representations or claims of any nature shall be binding on or obligate Savage Arms, Inc.

Savage Arms, Inc. excludes any incidental and consequential damages under this warranty. Some states do not allow exclusions or limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

This WARRANTY gives you specific legal rights. You may have other rights, which will vary, from state to state.

### RETURNING A FIREARM:

For WARRANTY claims, proof of purchase must accompany the firearm.

It is a violation of Federal Law to ship a firearm with live ammunition either in the box or in the firearm itself. If received, The Bureau of Alcohol, Tobacco, and Firearms must be notified!

Savage Arms, Inc. is not responsible for the loss or damage to any accessories shipped with the firearm.

If there is a question whether the firearm should be returned or parts could be purchased, please call 1-413-568-7001 between 9:00 am and 3:30 p.m. EST and ask for the Service/Warranty Department.

All firearms are to be sent to Savage Arms, Inc. at the owner's expense. Warranty repairs will be returned to the owner at the expense of Savage Arms, Inc..

- Pack the firearm in its original box if possible (or a similar suitable box), being careful to include any support pieces.
- Enclose a brief note including:
- Name, address and phone number of sender
- Best time and method to contact sender
- Serial number of firearm
- Description of the problem you are having
- Bullet weight, bullet type, sabot, powder type and charge you are using
- · Any other information that you feel may be helpful.
- Return to:

Savage Arms, Inc. 100 Springdale Road Westfield, MA 01085 Attn: Service Department

5. If there will be a charge involved for the repair, a

- If there is no response from the quote within (30) days, the firearm will be returned COD (\$20.00 Shipping/Handling).
- Firearms will be repaired typically 4 weeks after receipt of payment in the order they were received.



Children are attracted to and can operate firearms that can cause severe injury or death. Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.

# ADVERTENCIA

A los niños los atraen las armas de fuego y las pueden hacer funcionar. Ellos pueden causarses lesiones graves y la muerte. Evite que los niños tengan acceso a las armas de fuego guardándolas siempre con llave y descargadas cuando no las esté utilizando. Si usted tiene un arma de fuego cargada en un lugar en que un niño tiene acceso a ella y la usa indebidamente, le pueden dar una multa o enviarlo a la carcel.



100 Springdale Road Westfield, MA 01085

www.savagearms.com